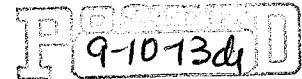




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September 5, 2013



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SEP 09 2013

PSC SC  
MAIL/DMS

The Honorable Jocelyn Boyd  
Chief Clerk and Administrator  
The Public Service Commission of South Carolina  
Post Office Drawer 11649  
Columbia, South Carolina 29211

Dear Ms. Boyd:

We are enclosing a copy of information related to fuel costs as required by the Public Service Commission of South Carolina, Order Number 79-21, Docket Number 18,362 dated January 15, 1979.

Sincerely,

Allen W. Rooks

ckw

Enclosures

c: John W. Flitter, Director of Electric & Gas Regulation, Office of Regulatory Staff  
Jay Jashinsky, Director of Auditing, Office of Regulatory Staff  
Scott Elliott, Esquire  
Damon E. Xenopoulos, Esquire  
Catherine Taylor, Esquire (C222)  
K. Chad Burgess, Esquire (C222)  
Mark Cannon (C101)  
Michael Shinn (B221)  
Paul Weiland (B221)



## RATE SERVICES DEPARTMENT

Subject: Factor for Computing  
Over/Under Recovery

Date: August 12, 2013

To: Lisa Honeycutt (B131)  
D & T Auditors (Lauren Hubert & Kayla Outing)  
Dow Bailey (B203)

From: Allen Rooks

The following is a computation of the over/under recovery revenue factor for sales in July 2013.

1. Total Cost of Fossil Fuel Burned	\$62,577,895.86
2. Nuclear Fuel Costs	\$5,456,540.02
3. Purchased & Interchange Power Fuel Costs	\$9,718,226.41
4. Fuel Cost Recovered Through Intersystem Sales	\$3,586.29
5. Total Fuel Cost (Line 1 + 2 + 3 - 4)	\$77,749,076.00
6. Total System Sales Excluding Intersystem Sales (KWH)	2,203,028,531
7. Fuel Cost per KWH Sales (Line 5 / Line 6)	\$0.035292
8. Less Base Cost per KWH	\$0.032780
9. Fuel Adjustment per KWH (Line 7 - Line 8)	\$0.00251

**SOUTH CAROLINA ELECTRIC AND GAS COMPANY  
ELECTRIC BASE FUEL OVER/UNDER RECOVERY REVENUE COMPUTATION**

**July 2013**

The computation for Electric Base Fuel Over/Under Recovery Revenue is as follows:

	<u>KWH</u>	<u>FACTOR</u>	<u>REVENUE</u>
	2,203,028,531		
LESS:			
INTERNATIONAL PAPER STAND-BY	2,807,360		
MUNICIPALS	80,064,170		
<hr/>	<hr/>	<hr/>	<hr/>
KWH SUBJECT TO SURCHARGE	2,120,157,001	0.00251	\$ 5,321,594

**SOUTH CAROLINA ELECTRIC AND GAS COMPANY**  
**BASE FUEL COSTS REPORT**  
**MAY, 2013 - APRIL, 2014**

	Actual			Forecast		
	May, 2013	Jun, 2013	Jul, 2013	Aug, 2013	Sep, 2013	Oct, 2013
1. Fossil Fuel Costs	\$ 46,054,570	\$ 63,014,844	\$ 62,577,896	\$ 59,707,000	\$ 49,953,000	\$ 48,412,000
2. Nuclear Fuel Costs	\$ 5,460,445	\$ 5,277,011	\$ 5,456,540	\$ 5,082,000	\$ 4,920,000	\$ 5,136,000
3. Fuel Costs in Purchased Power and Interchange Received	\$ 11,311,363	\$ 5,661,758	\$ 9,718,226	\$ 14,552,000	\$ 9,927,000	\$ 133,000
4. Less: Fuel Costs in Intersystem Sales	\$ 18,460	\$ 3,977	\$ 3,586	\$ 115,000	\$ 251,000	\$ 87,000
5. Total Fuel Costs (Lines 1+2+3-4)	\$ 62,807,918	\$ 73,949,636	\$ 77,749,076	\$ 79,226,000	\$ 64,549,000	\$ 53,594,000
6. Total System Sales Excluding Intersystem Sales (KWH)	\$ 1,695,991,574	\$ 1,899,099,201	\$ 2,203,028,531	\$ 2,291,800,000	\$ 2,073,100,000	\$ 1,771,600,000
7. Total Fuel Cost Per KWH Sales	\$ 0.037033	\$ 0.038939	\$ 0.035292	\$ 0.034569	\$ 0.031136	\$ 0.030252
8. Less Base Fuel Cost Per KWH Included in Rates	\$ 0.03278	\$ 0.03278	\$ 0.03278	\$ 0.03278	\$ 0.03278	\$ 0.03278
9. Fuel Adjustment Per KWH	\$ 0.00425	\$ 0.00616	\$ 0.00251	\$ 0.00179	\$ (0.00164)	\$ (0.00253)
10. Retail KWH Sales	\$ 6,882,958	\$ 11,172,004	\$ 5,321,594	\$ 3,926,186	\$ (3,268,028)	\$ (4,306,060)
11. Over / Under Recovery Revenue	\$ 68,661	\$ 82,905	\$ 84,153	\$ 87,682	\$ 86,784	\$ 83,792
12. Carrying Costs	\$ (1,583,583)	\$ (1,583,583)	\$ (1,583,583)	\$ (1,583,583)	\$ (1,583,583)	\$ (1,583,583)
13. Fixed Capacity Charges & Adjustments	\$ (3,049,411)	\$ (5,300,208)	\$ 1,085,079	\$ 986,268	\$ 3,895,355	\$ 2,909,172
14. Unbilled Fuel Cost Recovery Adjustment	\$ 2,318,625	\$ 4,371,118	\$ 4,907,243	\$ 3,416,553	\$ (869,472)	\$ (2,896,679)
15. Net Over / Under Recovery Revenue	\$ 96,530,585	\$ 100,901,703	\$ 105,808,946	\$ 109,225,499	\$ 108,356,027	\$ 105,459,348
16. Cumulative (Over) Under Balance	\$ 94,211,960					

	Actual			Forecast		
	Nov, 2013	Dec, 2013	Jan, 2014	Feb, 2014	Mar, 2014	Apr, 2014
17. Fossil Fuel Costs	\$ 38,220,000	\$ 46,676,000	\$ 50,833,000	\$ 44,526,000	\$ 40,339,000	\$ 50,460,000
18. Nuclear Fuel Costs	\$ 4,963,000	\$ 5,136,000	\$ 5,109,000	\$ 4,604,000	\$ 5,109,000	\$ 495,000
19. Fuel Costs in Purchased Power and Interchange Received	\$ 12,407,000	\$ 13,653,000	\$ 13,452,000	\$ 11,154,000	\$ 10,443,000	\$ 14,307,000
20. Less: Fuel Costs in Intersystem Sales (Lines 1+2+3-4)	\$ 305,000	\$ 495,000	\$ 399,000	\$ 546,000	\$ 392,000	\$ 123,000
21. Total System Sales Excluding Intersystem Sales (KWH)	\$ 55,285,000	\$ 64,970,000	\$ 68,995,000	\$ 59,738,000	\$ 55,499,000	\$ 65,139,000
22. Total Fuel Cost Per KWH Sales	\$ 1,603,100,000	\$ 1,819,000,000	\$ 2,027,500,000	\$ 1,912,300,000	\$ 1,717,900,000	\$ 1,687,800,000
23. Total Fuel Cost Per KWH Included in Rates	\$ 0.034486	\$ 0.035717	\$ 0.034030	\$ 0.031239	\$ 0.032306	\$ 0.0385594
24. Less Base Fuel Cost Per KWH Included in Rates	\$ 0.03278	\$ 0.03278	\$ 0.03278	\$ 0.03278	\$ 0.03278	\$ 0.03278
25. Fuel Adjustment Per KWH	\$ 0.00171	\$ 0.00294	\$ 0.00125	\$ (0.00154)	\$ (0.00047)	\$ 0.005581
26. Retail KWH Sales	\$ 1,532,000,000	\$ 1,737,100,000	\$ 1,939,600,000	\$ 1,836,900,000	\$ 1,641,800,000	\$ 1,616,100,000
27. Over / Under Recovery Revenue	\$ 2,619,720	\$ 5,107,074	\$ 2,424,500	\$ (2,828,826)	\$ (771,646)	\$ 9,389,541
28. Carrying Costs	\$ 82,339	\$ 82,318	\$ 82,907	\$ 84,309	\$ 81,188	\$ 88,077
29. Fixed Capacity Charges & Adjustments	\$ (1,583,583)	\$ (1,583,583)	\$ (1,583,583)	\$ (1,583,583)	\$ (1,583,583)	\$ (1,583,583)
30. Unbilled Fuel Cost Recovery Adjustment	\$ (2,525,248)	\$ (3,626,211)	\$ (353,346)	\$ 5,685,315	\$ (747,898)	\$ (1,224,965)
31. Net Over / Under Recovery Revenue	\$ (1,406,772)	\$ (20,402)	\$ 570,478	\$ 1,357,215	\$ (3,021,939)	\$ 6,669,070
32. Cumulative (Over) Under Balance	\$ 104,052,576	\$ 104,032,174	\$ 104,602,652	\$ 105,959,867	\$ 102,937,928	\$ 109,606,998

Forecasted carrying costs are calculated using the latest actual carrying cost factor. For July 2013, the annualized factor is 1.241%.

**South Carolina Electric & Gas Company**  
**Monthly Calculation of Variable Environmental Cost Recovery**  
**July 2013**

**Version:**

**Total Monthly Environmental Costs**

		<u>Total Monthly Environmental Costs</u>	
		Allocated Environmental Cost	Environmental Factor (per KWH)
		(Col. C)	(Col. D)
SO2 Allowances	\$ 69,213.82		
NOx Allowances	\$ 997.00		
Lime	\$ 561,313.28		
Ammonia	\$ 168,132.42		
Less: Env. Costs in System Sales	\$ -		
Other	\$ -		
<b>Total</b>	<b>\$ 799,656.52</b>		

**Allocation and Recovery of Costs**

(Col. A)	Demand Allocation (Col. B)	Allocated Environmental Cost (Col. C)	KWH Sales (Col. D)	Environmental Factor (per KWH) (Col. E)	Cost Collected (Col. F)	(Over)/Under Recovery (Col. G)	Environmental Prior Period Adjustments(s) (Col. H)		Total for Booking Purposes (Col. I)
							Environmental Recovery	Prior Period Adjustments(s)	
Residential	46.59%	\$ 372,560	804,702,557	\$ 0.00079	\$ 635,715	\$ (263,155)	-	\$ (263,155)	
Small General Service	17.50%	\$ 139,940	323,005,144	\$ 0.00066	\$ 213,183	\$ (73,243)	-	\$ (73,243)	
Medium General Service	10.27%	\$ 82,125	229,029,202	\$ 0.00055	\$ 125,966	\$ (43,841)	-	\$ (43,841)	
Large General Service**	21.89%	\$ 175,045	739,606,716	\$ 0.00036	\$ 266,258	\$ (91,213)	-	\$ (91,213)	
<b>Retail Totals:</b>	<b>96.25%</b>	<b>\$ 769,670</b>	<b>2,096,343,619</b>		<b>\$ 1,241,122</b>	<b>\$ (471,452)</b>	<b>-</b>	<b>\$ (471,452)</b>	

**South Carolina Electric & Gas Company**  
**Cumulative Retail Variable Environmental Cost Recovery**

Month	Actual			Forecast		
	May, 2013	Jun, 2013	Jul, 2013	Aug, 2013	Sep, 2013	Oct, 2013
Beginning Balance	\$ 711,615	\$ 879,260	\$ 654,742	\$ 207,062	\$ 163,951	\$ (120,002)
Retail Cost Allocation	\$ 1,124,359	\$ 969,285	\$ 769,670	\$ 1,235,909	\$ 790,820	\$ 915,614
Revenue Recovery	\$ 886,417	\$ 1,034,024	\$ 1,241,122	\$ 1,298,702	\$ 1,154,393	\$ 947,888
Monthly (Over)/Under	\$ 237,942	\$ (64,739)	\$ (471,452)	\$ (62,793)	\$ (363,573)	\$ (32,274)
Adjustments	\$ -	\$ (39,019)	\$ -	\$ -	\$ -	\$ -
Unbilled Environmental Adj.	\$ (70,297)	\$ (120,760)	\$ 23,772	\$ 19,682	\$ 79,620	\$ 60,065
Ending Balance	\$ 879,260	\$ 654,742	\$ 207,062	\$ 163,951	\$ (120,002)	\$ (92,211)

Month	Forecast			Forecast		
	Nov, 2013	Dec, 2013	Jan, 2014	Feb, 2014	Mar, 2014	Apr, 2014
Beginning Balance	\$ (92,211)	\$ 311,552	\$ 806,489	\$ 533,219	\$ 332,889	\$ 187,092
Retail Cost Allocation	\$ 1,294,368	\$ 1,570,405	\$ 882,763	\$ 758,286	\$ 792,952	\$ 751,442
Revenue Recovery	\$ 839,548	\$ 1,001,473	\$ 1,148,481	\$ 1,075,640	\$ 921,902	\$ 886,769
Monthly (Over)/Under	\$ 454,820	\$ 568,932	\$ (265,718)	\$ (317,354)	\$ (128,950)	\$ (135,327)
Adjustments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Unbilled Environmental Adj.	\$ (51,057)	\$ (73,995)	\$ (7,552)	\$ 117,024	\$ (16,847)	\$ 33,116
Ending Balance	\$ 311,552	\$ 806,489	\$ 533,219	\$ 332,889	\$ 187,092	\$ 84,881

**SCE&G****Analysis of Prepaid Municipal Fees****As of July 31, 2013**

	<u>Electric</u>
Prepaid Municipal Fee Balance at December 31, 2012	\$42,832,214
Less Current Year Amortization	(\$23,939,855)
City of Columbia Adjustment	(\$2,331,277) {1}
Unamortized Balance of Prior Year Prepayment	<hr/> \$16,561,082
Plus: Current Year Prepayments for 2014	\$42,365,162
Prepaid Municipal Fee Balance at July 31, 2013	<hr/> <u>\$58,926,244</u>

{1} In connection with the Richland County penny sales tax increase that became effective in May 2013, the City of Columbia lowered SCE&G's municipal franchise fee from 5% to 3%. This adjustment reflects the resulting pro-rata decrease in SCE&G's 2013 fee.



## SCE&G Monthly Event Report

Print Date: 8/15/2013

### Report Period: 7/1/2013 - 7/31/2013

	Event #	Started	Completed	Dur	Type	Verbal Description	Probable Cause/Corrective Action
<b>Canady's</b>		<b>Unit:</b> 2					
14	7/16/2013 9:00:00 PM	7/17/2013 12:44:00 AM	<u>3.73</u>	D1	2B ID Fan Motor		2B ID Fan Motor is out of service.
		Event Type Totals:	D1	3.73			
13	7/11/2013 1:30:00 PM	7/16/2013 8:17:00 AM	<u>114.78</u>	RS	Economic Reserve		
		Event Type Totals:	RS	114.78			
12	7/4/2013 11:30:00 AM	7/11/2013 1:30:00 PM	<u>170.00</u>	U1	Fuel Supply Problems		Coal handling electrical problem and boiler gas hose failures.
15	7/17/2013 12:44:00 AM	7/19/2013 3:48:00 PM	<u>63.07</u>	U1	Boiler Leak Repair		A waterwall boiler tube leak was repaired.
		Event Type Totals:	U1	233.07			
<b>Canady's</b>		<b>Unit:</b> 3					
15	7/25/2013 4:18:00 PM	7/29/2013 4:53:00 PM	<u>96.58</u>	RS	Economic Dispatch		
		Event Type Totals:	RS	96.58			
12	7/4/2013 7:27:00 AM	7/6/2013 7:19:00 AM	<u>47.87</u>	U1	Fuel Supply Problems		Coal handling electrical problems.
13	7/6/2013 8:36:00 AM	7/6/2013 9:27:00 PM	<u>12.85</u>	U1	W Valve Problems		Boiler Controls Issue - The W Valve tripped causing a feedwater flow trip.
		Event Type Totals:	U1	60.72			
14	7/24/2013 3:43:00 PM	7/25/2013 4:18:00 PM	<u>24.58</u>	U3	Boiler Leak Repair		One waterwall boiler tube leak was repaired.
		Event Type Totals:	U3	24.58			
		Canady's Total Event Hrs:		533.46			
<b>Jasper</b>		<b>Unit:</b> 1					
15	7/29/2013 7:50:00 PM	7/30/2013 6:43:00 PM	<u>22.88</u>	MO	Gas Turbine Compressor Wash		Performed compressor wash on gas turbine and repaired the HRSG main steam safety valve.
		Event Type Totals:	MO	22.88			
14	7/1/2013 8:39:00 PM	7/2/2013 1:03:00 AM	<u>4.40</u>	RS	Economic Dispatch		
		Event Type Totals:	RS	4.40			
<b>Jasper</b>		<b>Unit:</b> 2					
20	7/19/2013 12:38:00 AM	7/19/2013 2:29:00 AM	<u>1.85</u>	MO	Replaced Mark VI VCM1 card		Replaced Mark VI VCM1 card due to intermittent failure.
21	7/30/2013 8:29:00 PM	7/31/2013 2:18:00 PM	<u>17.82</u>	MO	Gas Turbine Compressor Wash		Performed gas turbine compressor wash.
19	7/13/2013 12:31:00 AM	7/13/2013 6:16:00 AM	<u>5.75</u>	RS	Economic Dispatch		
		Event Type Totals:	RS	5.75			
<b>Jasper</b>		<b>Unit:</b> 3					
29	7/31/2013 3:50:00 PM	7/31/2013 11:59:59 PM	<u>8.17</u>	MO	Gas Turbine Compressor Wash		Performed gas turbine compressor wash.
		Event Type Totals:	MO	8.17			

Event #	Started	Completed	Dur	Type	Verbal Description	Probable Cause/Corrective Action
26	7/12/2013 3:10:00 AM	7/12/2013 6:40:00 AM	3:50	RS	Economic Dispatch	
27	7/27/2013 11:31:00 PM	7/28/2013 9:04:00 AM	9:55	RS	Economic Dispatch	
28	7/30/2013 1:30:00 AM	7/30/2013 6:11:00 AM	4:68	RS	Economic Dispatch	

**Jasper**      Unit: **4**

10	7/29/2013 7:50:00 PM	7/30/2013 6:43:00 PM	22:88	PD	Gas Turbine #1 Compressor Wash	Gas turbine compressor wash and HRSG main steam safety valve repair.
11	7/30/2013 8:29:00 PM	7/31/2013 2:18:00 PM	17:82	PD	Gas Turbine #2 Compressor Wash	Performed gas turbine compressor wash.
12	7/31/2013 3:50:00 PM	7/31/2013 11:59:59 PM	8:17	PD	Gas Turbine #3 Compressor Wash	Performed gas turbine compressor wash.

Event Type Totals: PD    48.87  
Jasper Total Event Hrs: 127.47

**McMeekin**      Unit: **1**

7	7/31/2013 6:00:00 AM	7/31/2013 10:00:00 AM	4:00	D1	D Mill Out of Service	Replaced #3 Roller on 1D Mill.
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McMeekin Total Event Hrs: 4.00

**Urquhart**      Unit: **1**

16	7/1/2013	7/4/2013 4:26:00 AM	76:43	RS	Economic Dispatch	
17	7/12/2013 12:28:00 AM	7/14/2013 6:16:00 AM	53:80	RS	Economic Dispatch	
18	7/20/2013 8:40:00 PM	7/22/2013 5:49:00 AM	33:15	RS	Economic Dispatch	
19	7/27/2013 12:08:00 AM	7/31/2013 9:37:00 AM	105:48	RS	Economic Dispatch	

Urquhart Total Event Hrs: 268.86

**Urquhart**      Unit: **2**

22	7/30/2013 11:14:00 PM	7/31/2013 5:00:00 PM	17:77	MO	Condenser tube leaks	Inspected Main Condenser - Plugged nine leaking tubes.
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Urquhart Total Event Hrs: 17.77

**Urquhart**      Unit: **3**

17	7/1/2013	7/4/2013 9:17:00 PM	93:28	RS	Economic Dispatch	
18	7/11/2013 10:23:00 PM	7/15/2013 6:36:00 AM	80:22	RS	Economic Dispatch	
19	7/19/2013 8:00:00 PM	7/22/2013 11:46:00 AM	63:77	RS	Economic Dispatch	
20	7/26/2013 8:35:00 PM	7/31/2013 5:00:00 AM	104:42	RS	Economic Dispatch	
21	7/31/2013 8:57:00 PM	7/31/2013 11:59:59 PM	3:05	RS	Economic Dispatch	

Urquhart Total Event Hrs: 344.74

**Urquhart**      Unit: **5**

Event #	Started	Completed	Dur	Type	Verbal Description	Probable Cause/Corrective Action
26	7/1/2013	7/3/2013 10:41:00 PM	70.68	RS	Economic Dispatch	
27	7/12/2013 12:30:00 AM	7/14/2013 2:30:00 AM	50.00	RS	Economic Dispatch	
28	7/20/2013 8:41:00 PM	7/22/2013 3:25:00 AM	30.73	RS	Economic Dispatch	
29	7/27/2013 12:09:00 AM	7/31/2013 3:56:00 AM	99.78	RS	Economic Dispatch	
	Event Type Totals:	RS	251.19			
<b>Urquhart</b>						
	Unit: 6					
26	7/28/2013 12:52:00 AM	7/28/2013 8:51:00 PM	19.98	RS	Economic Dispatch	
27	7/30/2013 11:15:00 PM	7/31/2013 11:59:59 PM	24.75	RS	Economic Dispatch	
	Event Type Totals:	RS	44.73			
	Urquhart Total Event Hrs:		936.47			
<b>Wateree</b>						
	Unit: 1					
22	7/24/2013 12:00:00 PM	7/24/2013 5:00:00 PM	5.00	D1	Wet Coal	The plant received 0.4 inches of rain between July 21 and July 24, 2013.
	Event Type Totals:	D1	5.00			
18	7/2/2013 12:40:00 AM	7/6/2013 7:17:00 PM	114.62	MO	Boiler Tube Leak	Repaired WW tube near 1K 29.
	Event Type Totals:	MO	114.62			
19	7/6/2013 10:10:00 PM	7/6/2013 11:54:00 PM	1.73	U1	BFP Controls Issue	BFP discharge valve misoperation.
20	7/7/2013 5:02:00 AM	7/10/2013 11:27:00 AM	78.42	U1	Convection Tube Leak	Repaired boiler convection tube.
21	7/13/2013 3:31:00 PM	7/16/2013 4:42:00 PM	73.18	U1	Wet Coal	Wet / Fine Coal plugged up coal feeders. The plant received 3.6 inches of rain between July 11 and July 14, 2013.
	Event Type Totals:	U1	153.33			
14	7/1/2013 3:00:00 PM	7/2/2013 1:00:00 AM	10.00	D1	Wet Coal	The plant received 3.4 inches of rain between June 30 and July 2, 2013.
15	7/3/2013 8:15:00 AM	7/3/2013 7:00:00 PM	10.75	D1	Wet Coal	The plant received 3.9 inches of rain between June 30 and July 3, 2013.
19	7/12/2013 7:00:00 AM	7/17/2013 7:00:00 PM	132.00	D1	Wet Coal	The plant received 4.3 inches of rain between July 10 and July 17, 2013.
20	7/21/2013 11:00:00 AM	7/21/2013 7:00:00 PM	8.00	D1	Wet Coal	The plant received 0.8 inches of rain between July 17 and July 21, 2013.
	Event Type Totals:	D1	160.75			
16	7/3/2013 8:54:00 PM	7/5/2013 3:30:00 AM	30.60	U1	Wet Coal	Wet/Fine Coal Plugged coal feeders. The plant received 2.8 inches of rain between July 2 and July 5, 2013.
17	7/5/2013 9:38:00 PM	7/8/2013 7:22:00 PM	69.73	U1	Wet Coal	Wet/Fine Coal Plugged coal feeders. The plant received 1.8 inches of rain between July 3 and July 7, 2013.
18	7/9/2013 3:53:00 AM	7/9/2013 7:00:00 AM	3.12	U1	2B Primary Air Fan Indication	Problems with 2B PA fan controls caused 2B mill to trip.
	Event Type Totals:	U1	103.45			

Event #	Started	Completed	Wateree	Total Event Hrs:	Dur	Type	Verbal Description	Probable Cause/Corrective Action
<b>Williams</b>	<b>Unit: 1</b>				<u>537.15</u>			
20	7/30/2013 5:40:00 PM	7/30/2013 9:00:00 PM			3.33	D1	1B Coal Feeder	1B Coal Feeder tripped due to metal foreign object.
21	7/31/2013 2:35:00 AM	7/31/2013 12:35:00 PM			10.00	D1	Boiler Throttle Valves	A bad valve position indicator caused the boiler throttle valves to swing.
		Event Type Totals:	D1	<u>13.33</u>				
17	7/18/2013 5:00:00 PM	7/27/2013 3:26:00 AM			<u>202.43</u>	MO	Maintenance Outage	Major work included rewelding turbine lead joint.
		Event Type Totals:	MO	<u>202.43</u>				
18	7/27/2013 7:35:00 AM	7/27/2013 10:29:00 AM			2.90	U1	1A Boiler Feed Pump Turbine	Problems with 1A BFPT controls.
19	7/27/2013 1:10:00 PM	7/27/2013 3:40:00 PM			<u>2.50</u>	U1	1A Boiler Feed Pump Turbine	Problems with 1A BFPT controls.
		Event Type Totals:	U1	<u>5.40</u>				
16	7/1/2013	7/18/2013 5:00:00 PM			<u>425.00</u>	U2	Main Steam Line	Main steam line repair.
		Event Type Totals:	U2	<u>425.00</u>				
		Williams Total Event Hrs:		<u>646.16</u>				
		FH Fleet	Grand Total:	<u>2804.71</u>				

## PLANT PERFORMANCE DATA UNIT AVAILABILITY FACTOR (PERCENTAGE) 2013

**PLANT PERFORMANCE DATA  
UNIT CAPACITY FACTOR  
(PERCENTAGE) 2013**

15-Aug-13

PLANTS	Summer NET MW	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YTD	
Canadys Canadys	#2	115	8.99	0.39	4.09	0.00	58.90	31.89							14.96%
	#3	180	20.97	21.64	28.01	21.34	13.41	78.31	63.67						35.39%
McMeekin McMeekin	#1	125	24.57	9.75	71.05	0.00	43.78	63.49	64.13						40.03%
	#2	125	26.74	12.95	73.66	0.00	36.27	62.88	64.37						40.00%
Urquhart	#3	95	0.00	0.00	10.78	0.00	2.85	23.81	37.34						10.79%
Waterree Waterree	#1	342	21.95	65.56	67.49	73.03	70.66	71.07	38.18						58.04%
	#2	342	49.48	0.00	0.00	0.00	37.47	71.04	52.96						30.52%
Williams															
	605	80.53	81.88	85.35	55.35	52.70	0.00	9.25							52.06%
Cope															
	415	73.05	78.56	24.69	47.38	71.58	81.60	82.31							65.43%
Kapstone															
Fossil w/o Kapstone	Totals	2344	48.98	47.55	46.82	34.97	47.47	51.79	45.08						46.10%
Fossil with Kapstone	Totals	2429	49.68	48.89	48.22	36.46	48.35	52.66	46.25						47.22%
Urq. Combined Cycle 5	162	37.51	48.80	46.49	67.74	21.93	41.72	45.37							44.06%
Urq. Combined Cycle 1	64	51.53	68.30	61.36	81.12	26.72	51.60	56.73							56.53%
Urq. Combined Cycle 6	168	0.00	2.70	8.16	15.43	37.62	38.76	68.68							24.35%
Urq. Combined Cycle 2	64	0.00	4.00	11.05	18.08	47.92	49.11	82.98							30.46%
Jasper Combined Cycle 1	156	69.02	77.86	76.89	79.13	64.74	80.82	85.18							76.11%
Jasper Combined Cycle 2	164	77.41	77.31	77.40	80.06	58.72	83.20	87.70							77.36%
Jasper Combined Cycle 3	147	64.67	73.41	75.36	86.99	66.98	82.03	90.18							76.64%
Jasper ST	385	55.30	59.01	58.76	58.99	47.88	64.66	75.18							59.92%
Combined Cycle	Totals	1310	48.99	54.91	55.37	61.74	47.58	63.30	74.58						57.95%
V.C.S. (S.C.E.G.)	MWe	966	102.3	102.5	72.6	94.6	102.3	101.7	101.7						96.73%
System w/o Kapstone	Totals	4298	64.27	65.45	58.63	59.16	63.46	70.40	70.17						64.47%
System with Kapstone	Totals	4383	64.36	65.83	59.16	59.52	63.64	70.53	70.33						64.73%

System includes Fossil, Combined Cycle, and V.C. Summer Units

MONTH: Jul-13

HOURS GENERATOR ON LINE: 744.0

UNIT AVAILABILITY FACTOR: 100.0

V.C. Summer, Unit 1

Monthly Outage Report For July-13

OUTAGE NO.	START TIME	END TIME	HOURS DURATION	TYPE	REASON FOR OUTAGE	CORRECTIVE ACTION
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N/A. There were no Unit Shutdowns during June 2013.